



Atty. Docket No. URE02 P-301B

CERTIFICATE OF MAILING

I hereby certify that this paper, together with all enclosures identified herein, are being deposited with the United States Postal Service as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.

Date

3-26-04

Jaclyn R. Folkema

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas M. Kurth  
Appln. No : 10/634,026  
Filed : August 4, 2003  
For : PLASTIC MATERIAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97(b)

Pursuant to 37 CFR §§1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed more than three months after the filing date of the above-referenced application but, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed foreign patent documents and non-patent literature are attached. Based upon the English language abstract, Applicant believes that DE19643816 involves the preparation of polyurethane comprises reacting polyisocyanates (A) with compounds (B) containing isocyanate reactive groups, where (A) and (B) are produced from an increase in raw materials and also claimed are polyurethanes obtained as above. Also, based upon the English language abstract, Applicant believes that JP5186556 involves a biodegradable polyurethane containing a segment derived from at least one vegetable component selected among (i) starch or a modified product thereof, (ii) molasses, (iii) an agricultural polysaccharide waste and (iv) a

Applicant : Thomas M. Kurth  
Appln. No. : 10/634,026  
Page : 2

hydroxy-modified vegetable oil. Applicant also believes that, based upon the English language abstract, JP5186556 involves a process for producing a biodegradable polyurethane comprising reacting a polyisocyanates with an organic solvent solution of at least one vegetable component selected among (i) starch or a modified product thereof, (ii) molasses, (iii) an agricultural polysaccharide waste and (iv) a hydroxy-modified vegetable oil.

As the Office has waived the requirement under 37 CFR §1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication, copies of the listed U.S. patents and each U.S. patent application publication document are not included with the submission of attached Form PTO 1449. Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Applicant : Thomas M. Kurth  
Appln. No. : 10/634,026  
Page : 3

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 16-2463.

Respectfully submitted,

THOMAS M. KURTH

By: Price, Heneveld, Cooper,  
DeWitt & Litton, LLP

3/26/2004  
Date

  
\_\_\_\_\_  
Todd A. Van Thomme  
Registration No. 44 285  
695 Kenmoor, S.E.  
Post Office Box 2567  
Grand Rapids, MI 49501  
(616) 949-9610

TAV/jrf

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

URE02 P-301B

10/634,026

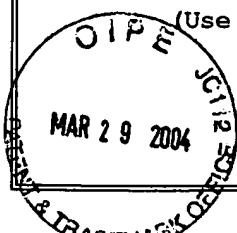
## APPLICANT(S)

Thomas M. Kurth

## FILING DATE

August 4, 2003

GROUP



## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	2 5 5 6 3 3 6	06/1951	Nye			
	2 7 4 5 8 5 5	05/1956	Case			
	4 2 6 4 7 4 3	04/1981	Maruyama et al.			
	6 0 9 6 4 0 1	08/2000	Jenkins			
	6 1 2 1 3 9 8	09/2000	Wool et al.			
	6 1 3 3 3 2 9	10/2000	Shieh et al.			
	6 1 8 0 6 8 6	01/2001	Kurth			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	Y	N
	9 9 1 2 9 8 7	09/01	PCT					
1	9 6 4 3 8 1 6	05/98	Germany					X
	0 1 0 4 2 2 5	01/01	PCT					

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
		Nakamura et al., Kobunshi Ronbunshu, Preparation of Polyurethane Foam From Waste Vegetable Oil, 50 (11), pp. 881-886, (1993)
		Colvin et al., UTECH Asia, Low Cost Polyols from Natural Oils, paper 36, 1995

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.

URE02 P-301B

SERIAL NO.

10/634,026

APPLICANT(S)

Thomas M. Kurth

FILING DATE

August 4, 2003

GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	6	2	8	8	1	3	3	09/2001	Hagquist			
	6	3	8	8	0	0	2	05/2002	Baker et al.			
	6	4	2	0	4	4	6	07/2002	Chang			
	6	4	6	5	5	6	9	10/2002	Kurth			
	6	6	2	4	2	4	4	09/2003	Kurth			
	6	6	4	9	6	6	7	11/2003	Clatty			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
✓	0	1	7	0	8	4	2	09/01	PCT			
✓	0	5	1	8	6	5	5	07/93	Japan			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL												

EXAMINER DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.